

### ABSTRACT OF THE DISCLOSURE

An improved braking method and system for a vehicle equipped with an anti-lock brake system (ABS), a traction control or anti-slip regulation system (ASR) and one or more additional systems capable of effecting automatic braking of the vehicle independently of driver control, e.g., an adaptive cruise control system (ACC) or a rollover stability control system (RSC). Automatic braking takes place by admission of brake pressure to the drive axle. To detect a simultaneous braking demand of the driver, the wheel speeds of the non-driven axle or axles are compared with the wheel speeds of the drive axle or axles. If the wheel speeds of the non-driven axle(s) are less than the wheel speeds of the drive axle(s), or less than a vehicle reference speed, the brake pressure injected in response to driver demand is also fed to the brake cylinders of the wheels of the drive axle(s).